

International application No.

PCT/US04/25401

**A. CLASSIFICATION OF SUBJECT MATTER**

IPC(7) : C12Q 1/00; A01N 57/00; A61K 31/685

US CL : 435/5; 514/81, 90; 544/1

According to International Patent Classification (IPC) or to both national classification and IPC

**B. FIELDS SEARCHED**

Minimum documentation searched (classification system followed by classification symbols)

U.S. : C12Q 1/00; A01N 57/00; A61K 31/685; C07D

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)  
Please See Continuation Sheet**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y — A	WO 2003/033657 A2 (STEIN et al) 24 April 2003 (24.04.2003), see Table 4, page 23.	1-6, 14-20, 27-29 7-13, 21-26
Y — A	US 5,985,662 A (ANDERSON et al) 16 November 1999 (16.11.1999), see col. 4, lines 28-38.	1-6, 14-20, 27-29 7-13, 21-26
Y — A	BANERJEE et al. Interaction of Poliovirus-Encoded 2C/2BC polypeptides with the 3' Terminus Negative-Strand Cloverleaf requires an Intact Stem-Loop b. Virology. 2002, Vol. 280, pages 41-51.	1-6, 14-20, 27-29 7-13, 21-26



Further documents are listed in the continuation of Box C.



See patent family annex.

**\* Special categories of cited documents:**

"A" document defining the general state of the art which is not considered to be of particular relevance

"E" earlier application or patent published on or after the international filing date

"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

"O" document referring to an oral disclosure, use, exhibition or other means

"P" document published prior to the international filing date but later than the priority date claimed

"T"

later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X"

document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y"

document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

"&amp;"

document member of the same patent family

Date of the actual completion of the international search

23 March 2005 (23.03.2005)

Date of mailing of the international search report

27 APR 2005

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Form PCT/ISA/210 (second sheet) (January 2004)

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**INTERNATIONAL SEARCH REPORT**

International application No.

PCT/US04/25401

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Continuation of B. FIELDS SEARCHED Item 3:

CAplus, Medline, Biosis, USPATfull, PCTfull, Derwent, EPO, JPO

search terms: nidovirus, coronavirus, morpholino, antisense, Inventor name search